

FIG. 1

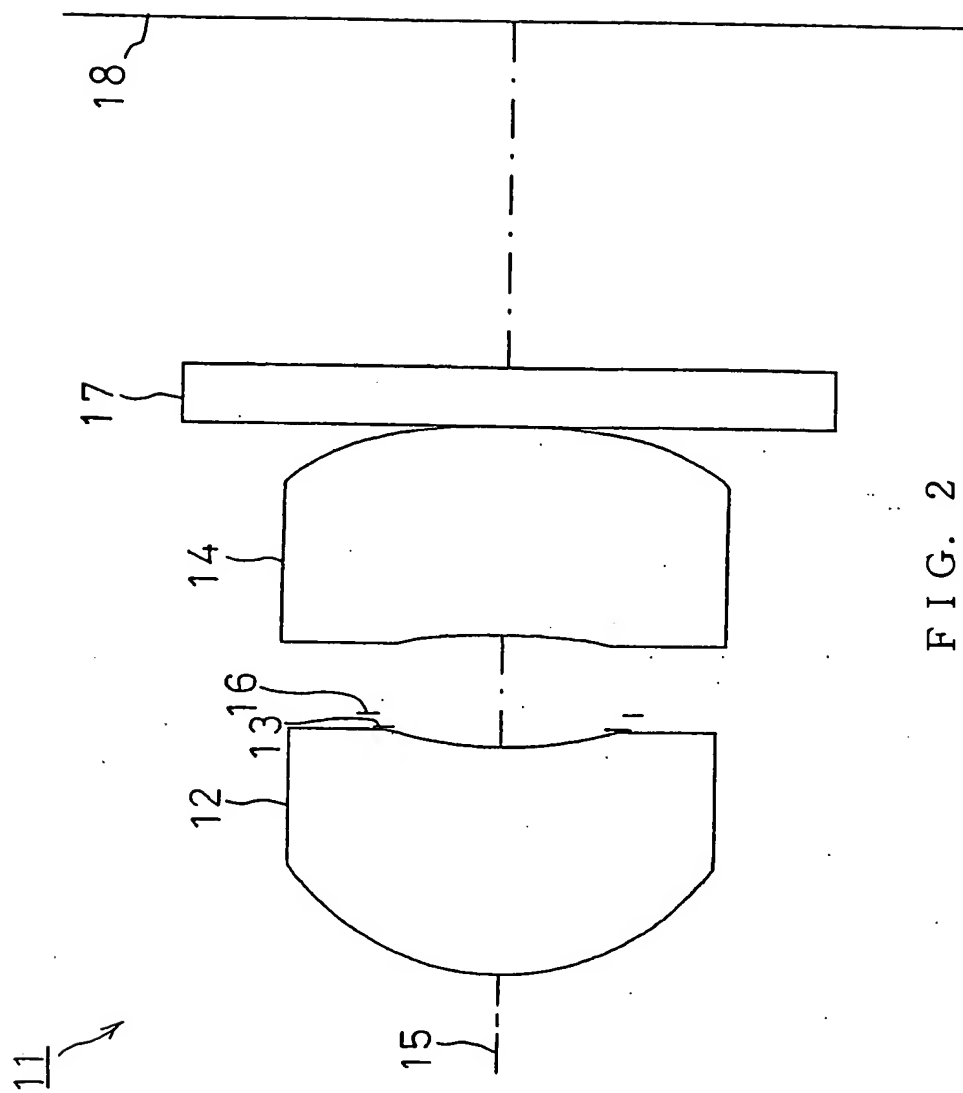


FIG. 2

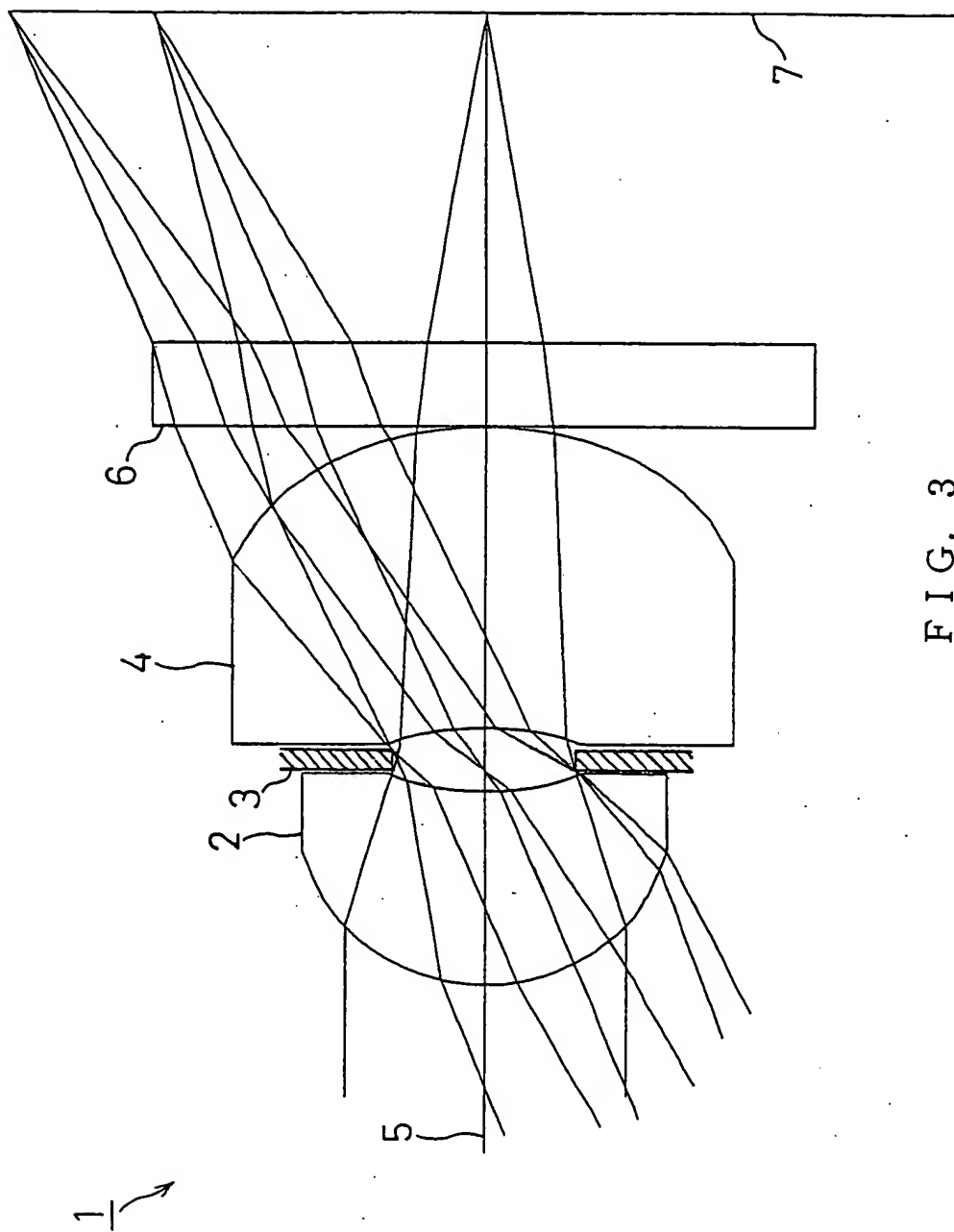


FIG. 3

1: 546.1nm
2: 435.8nm
3: 656.3nm

SPHERICAL ABERRATION

$FN0 = 2.85$

ASTIGMATISM

$\omega = 31.3^\circ$

DISTORTION

$\omega = 31.3^\circ$

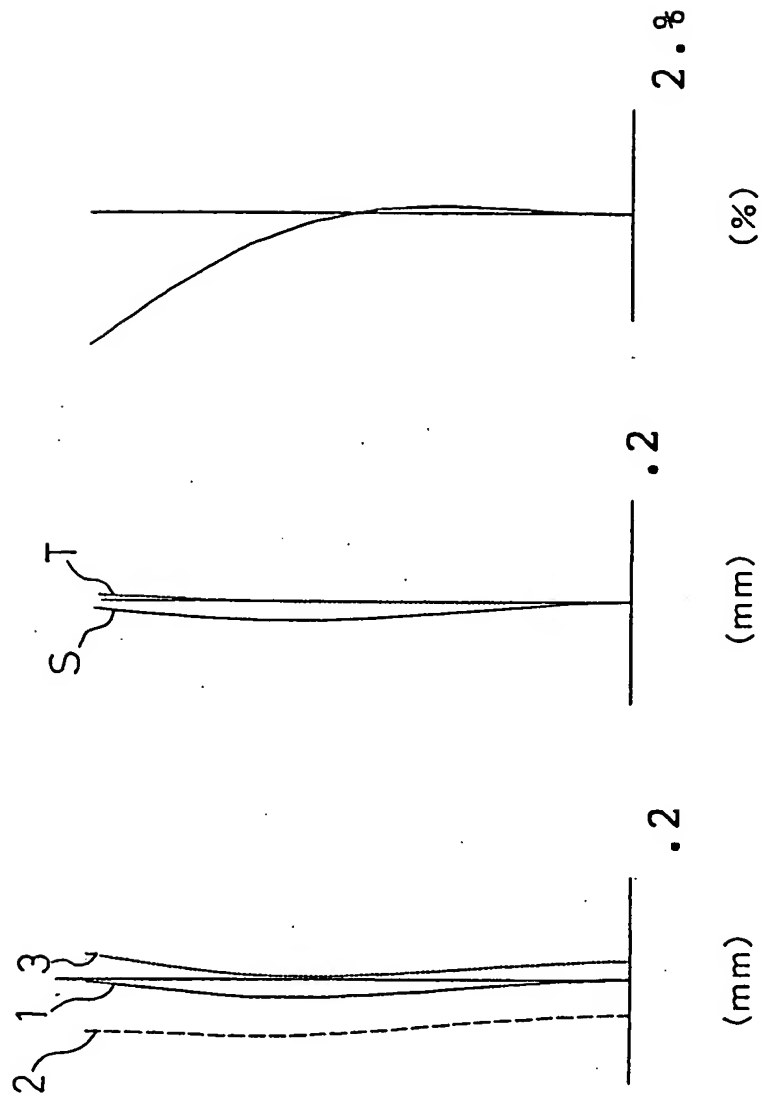


FIG. 4

1: 546.1nm
2: 435.8nm
3: 656.3nm

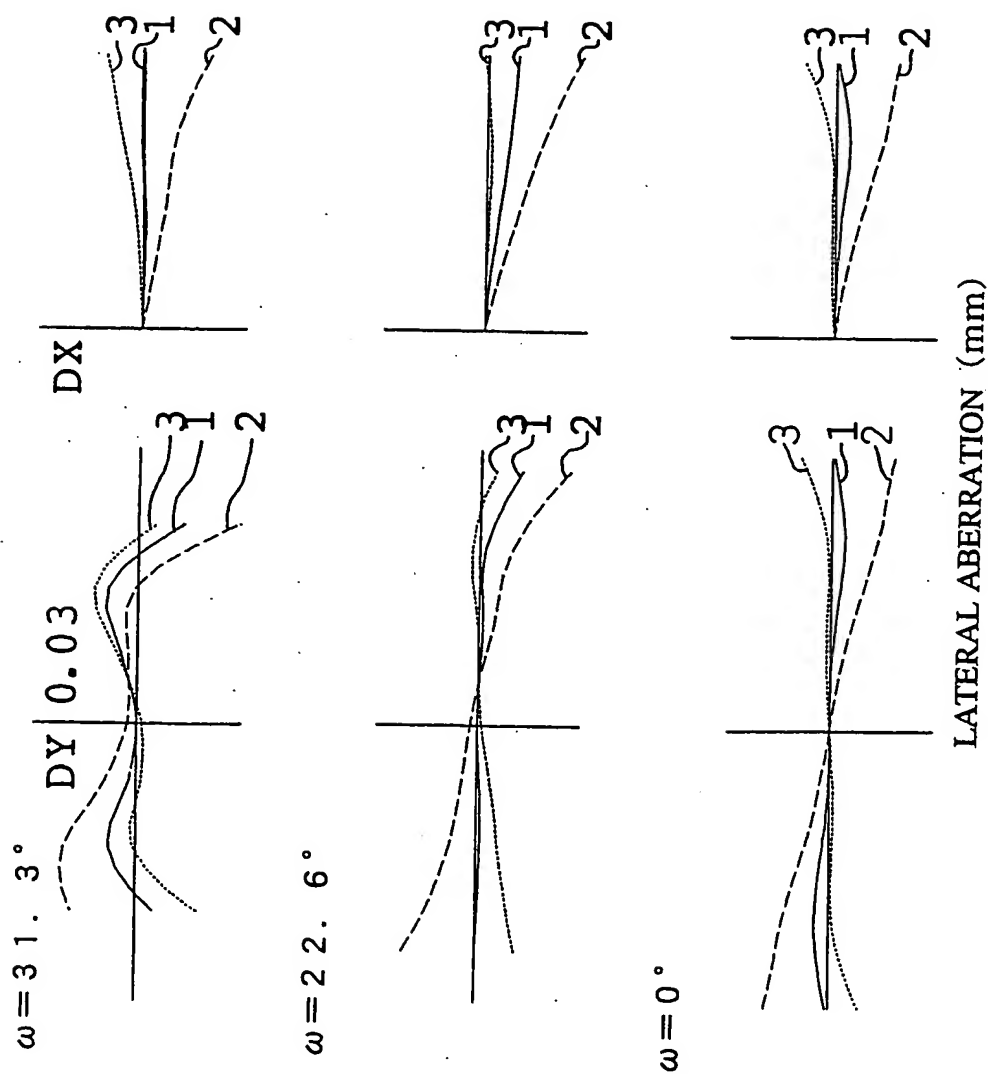


FIG. 5

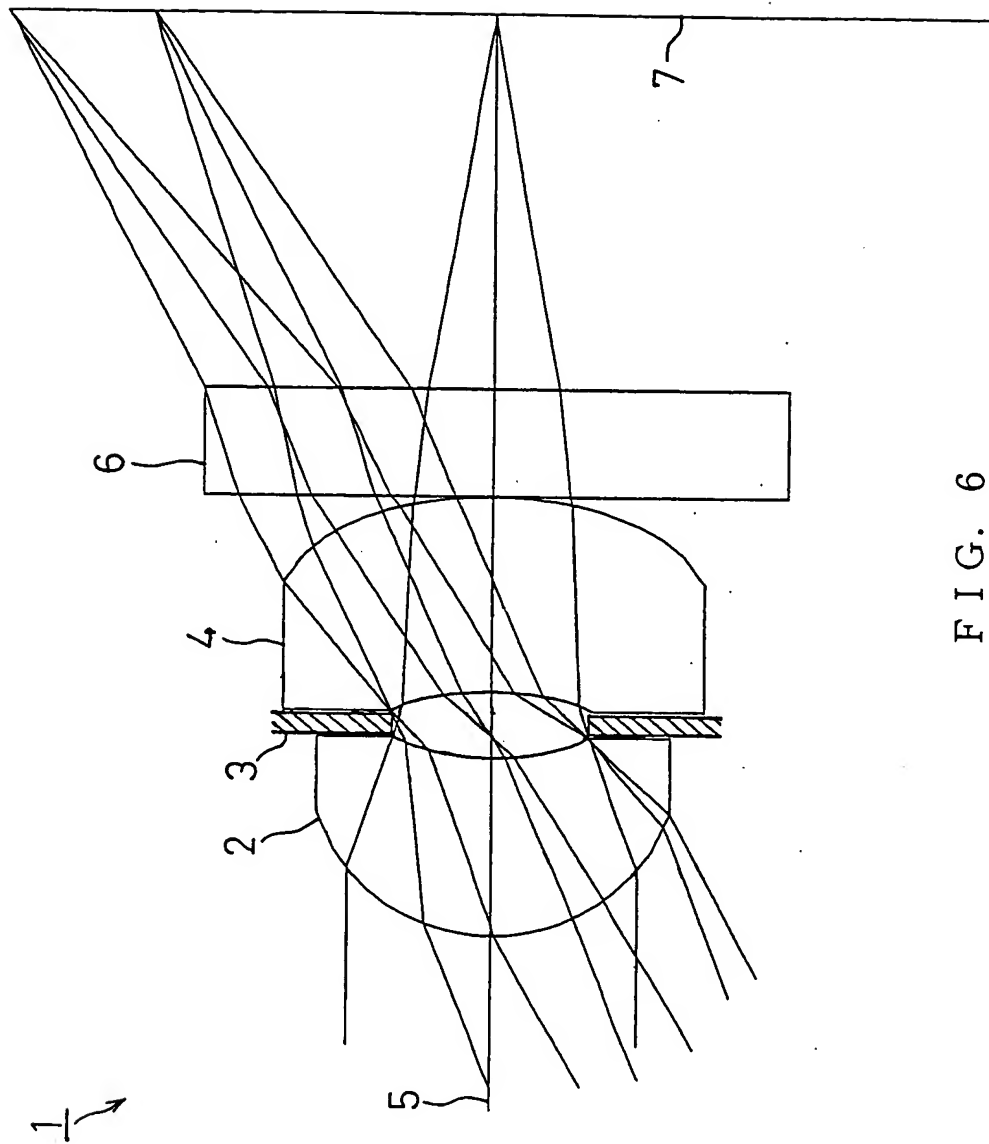


FIG. 6

1: 546.1nm
2: 435.8nm
3: 656.3nm

SPHERICAL ABERRATION

ASTIGMATISM

DISTORTION

$FN0 = 2.85$

$\omega = 30.6^\circ$

$\omega = 30.6^\circ$

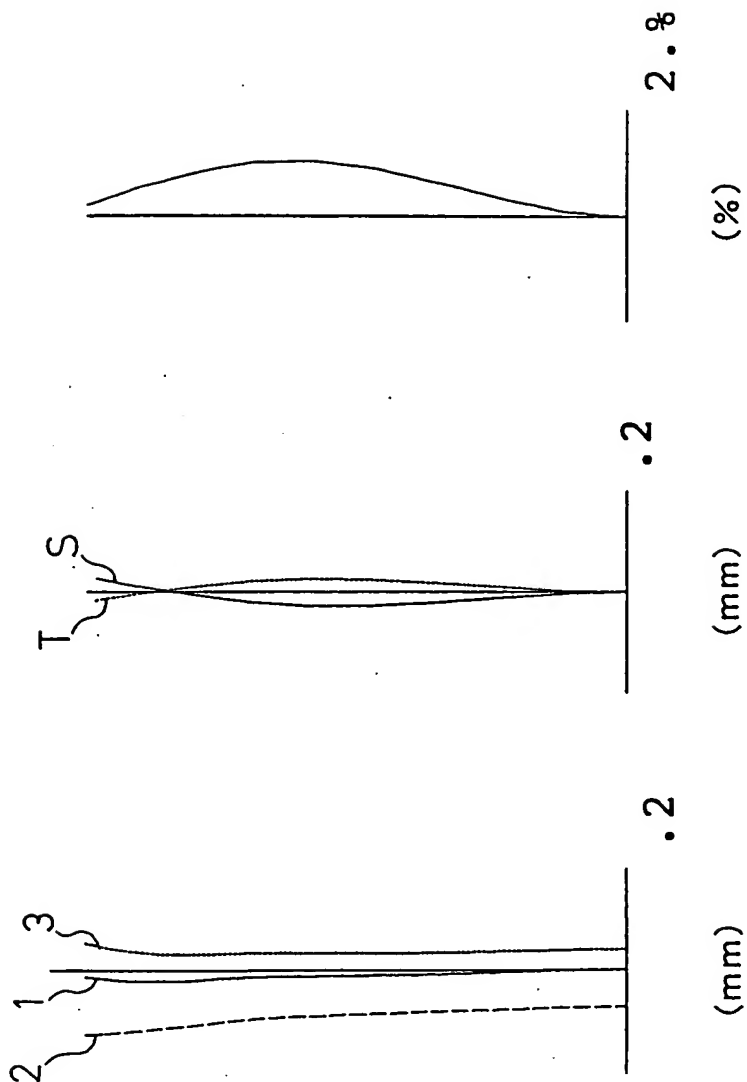
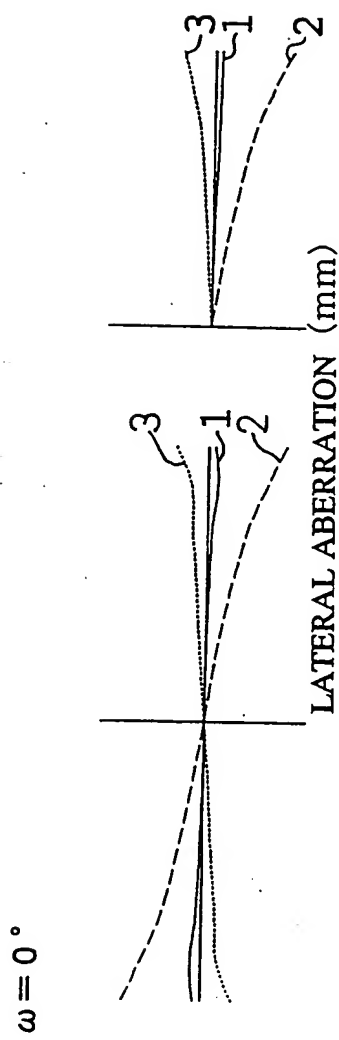
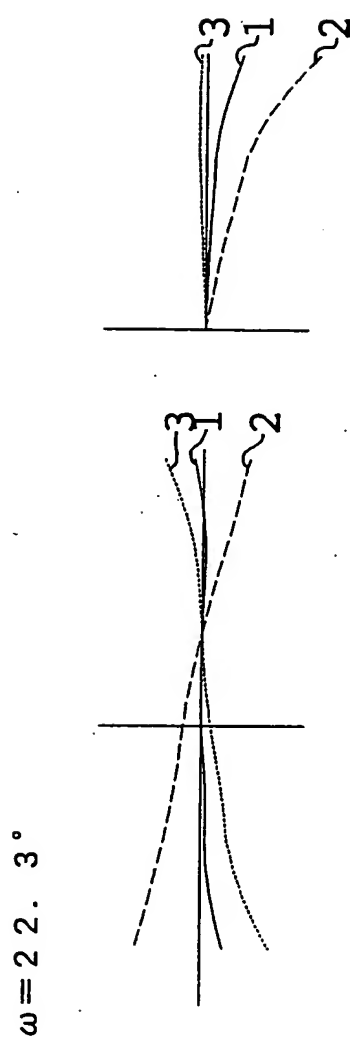
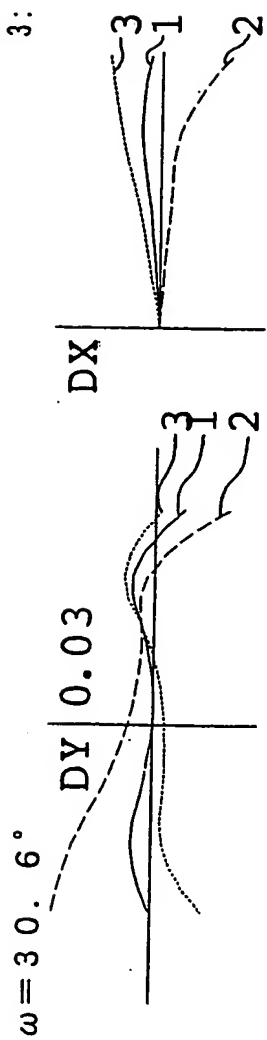


FIG. 7

1: 546.1nm
2: 435.8nm
3: 656.3nm



LATERAL ABERRATION (mm)

FIG. 8

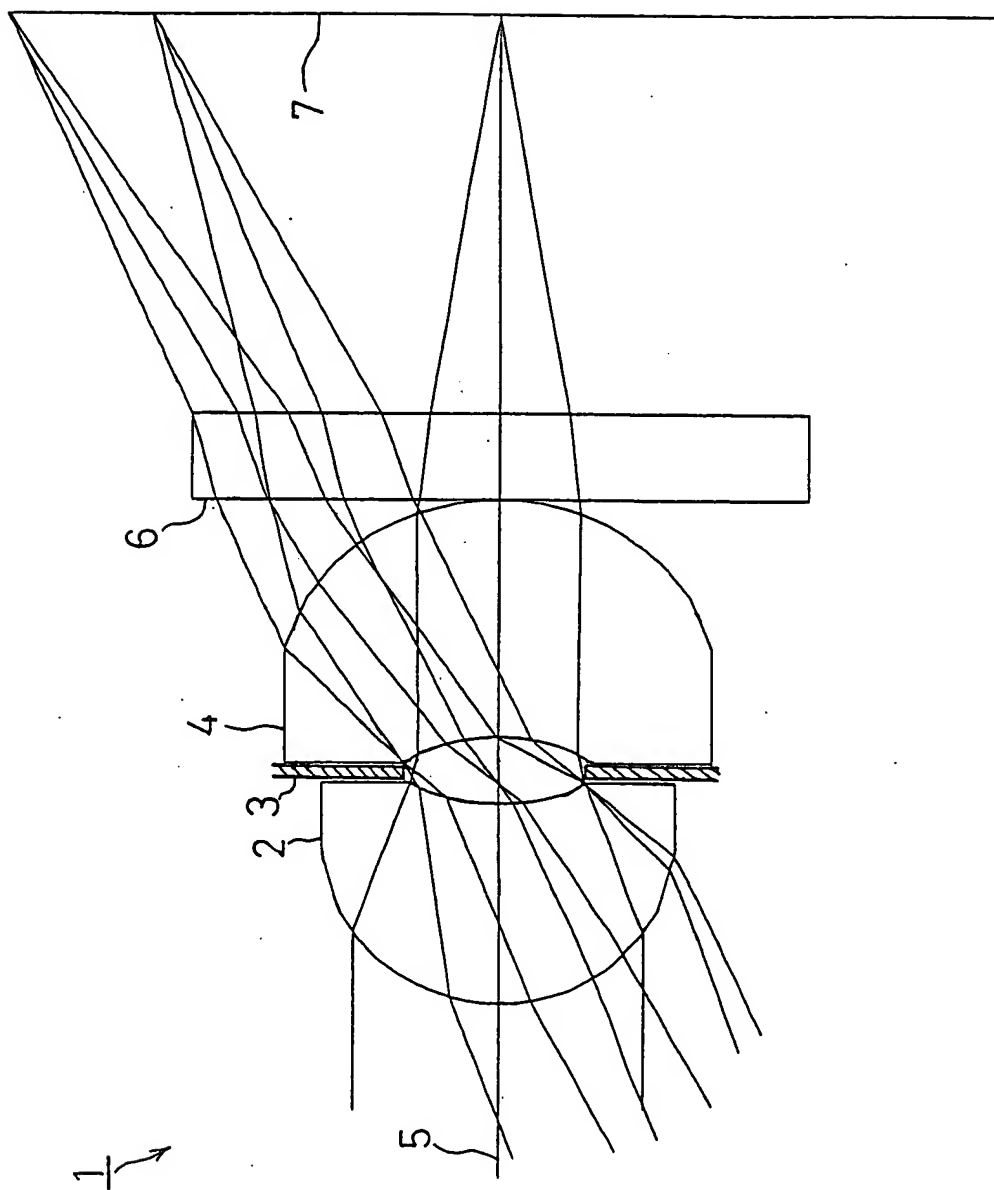
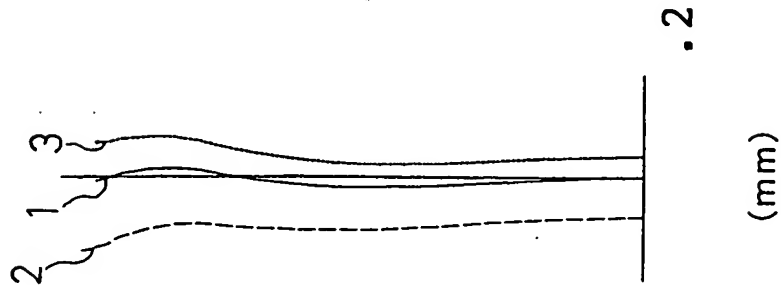


FIG. 9

1: 546.1nm
2: 435.8nm
3: 656.3nm

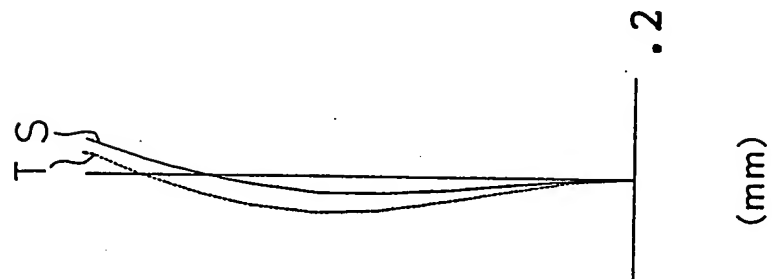
SPHERICAL ABERRATION

$FN0 = 2.85$



ASTIGMATISM

$\omega = 29.9^\circ$



DISTORTION

$\omega = 29.9^\circ$

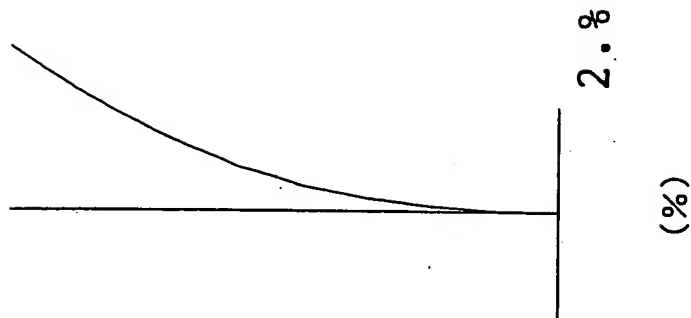
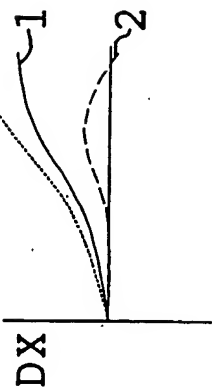
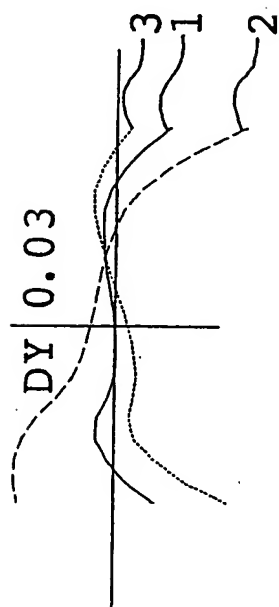


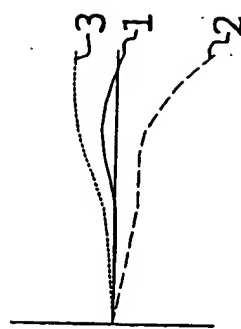
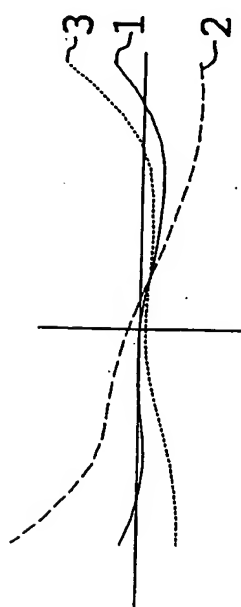
FIG. 10

1: 546.1nm
2: 435.8nm
3: 656.3nm

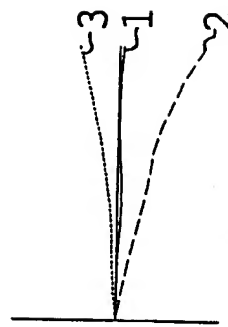
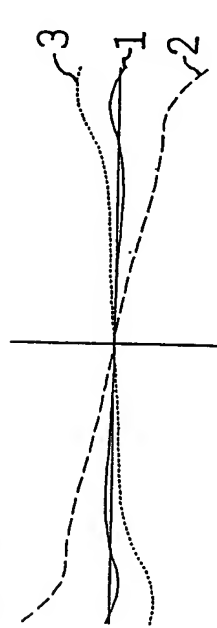
$\omega = 29.9^\circ$



$\omega = 22.2^\circ$



$\omega = 0^\circ$



LATERAL ABERRATION (mm)

FIG. 11

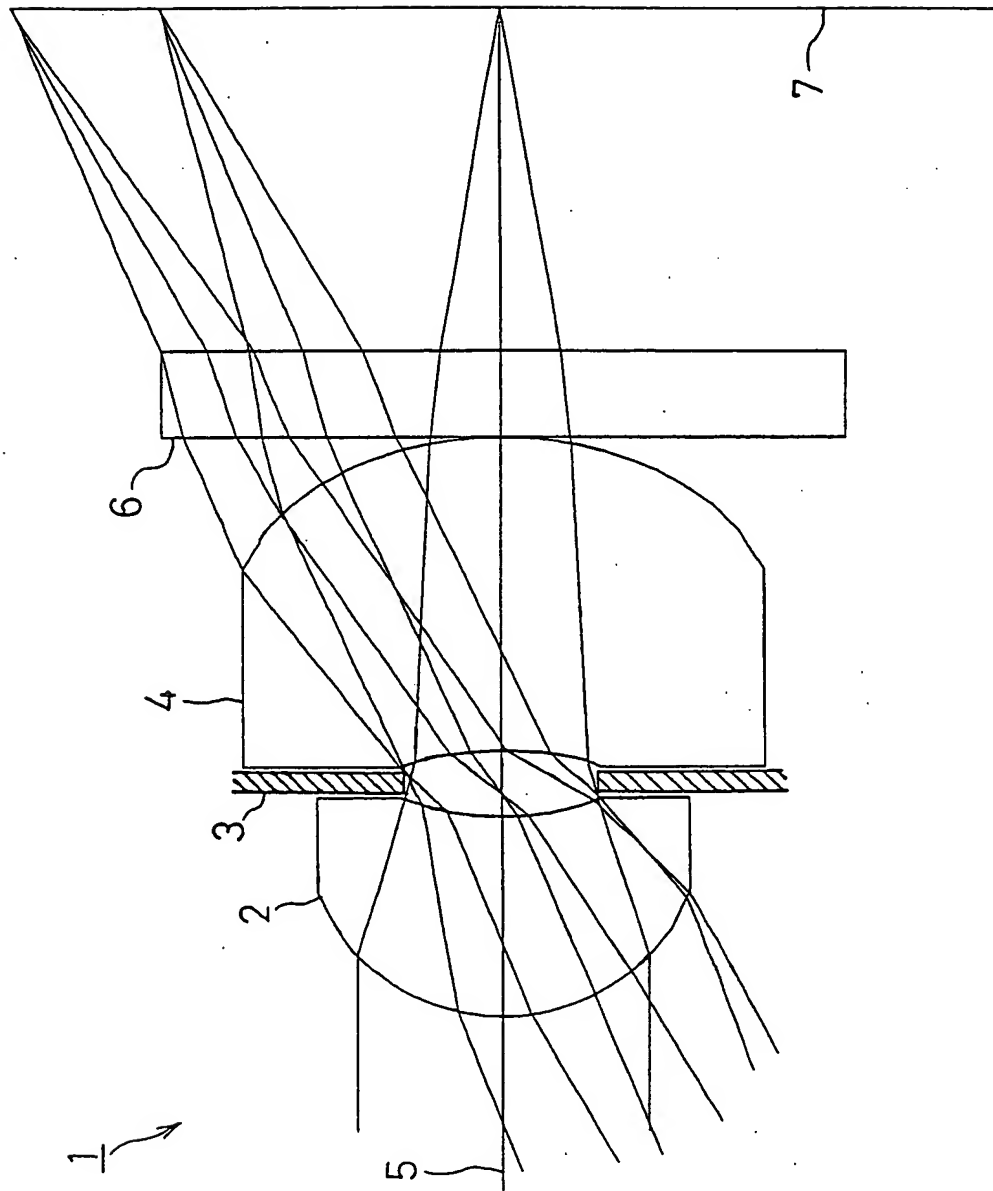


FIG. 12

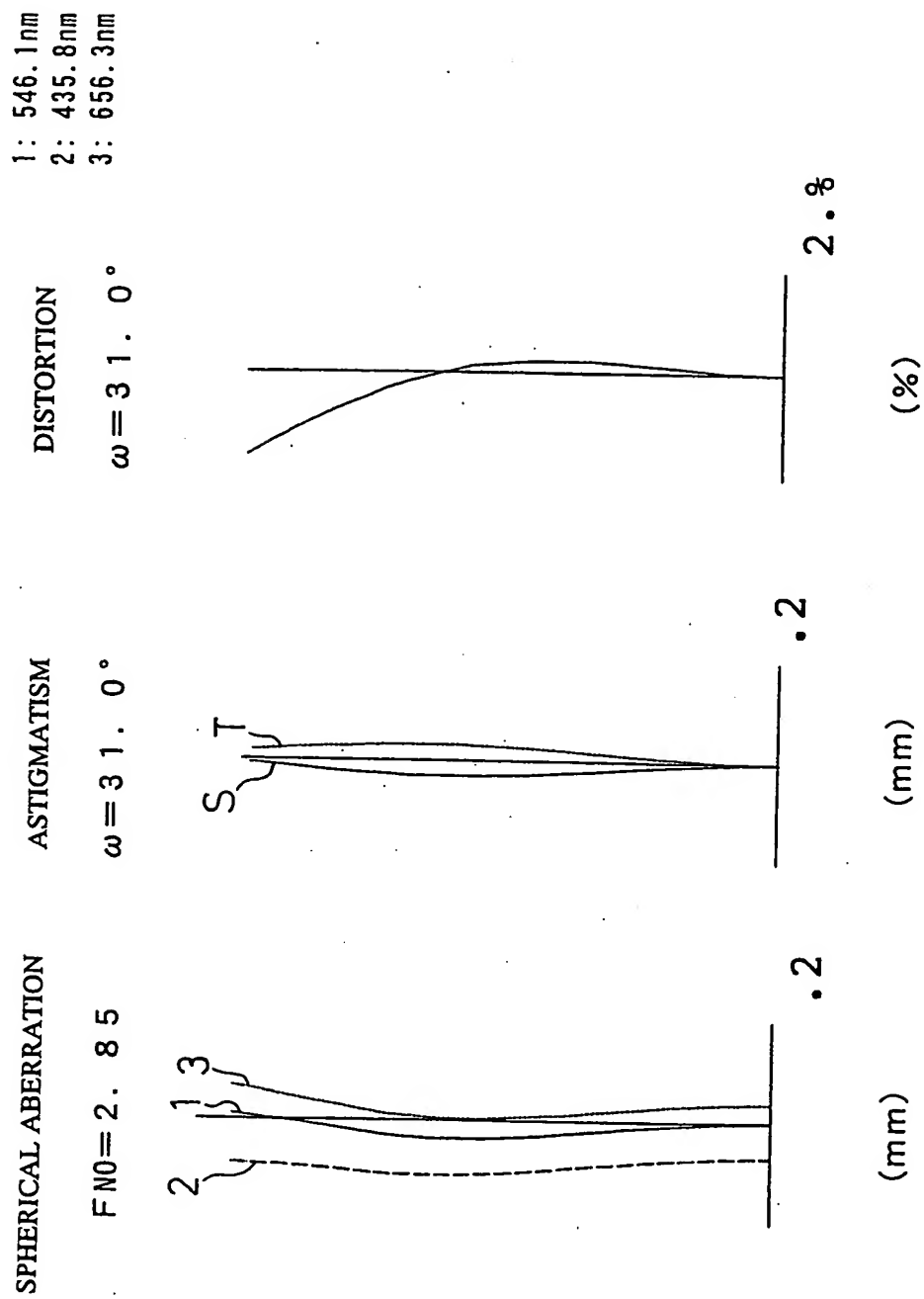
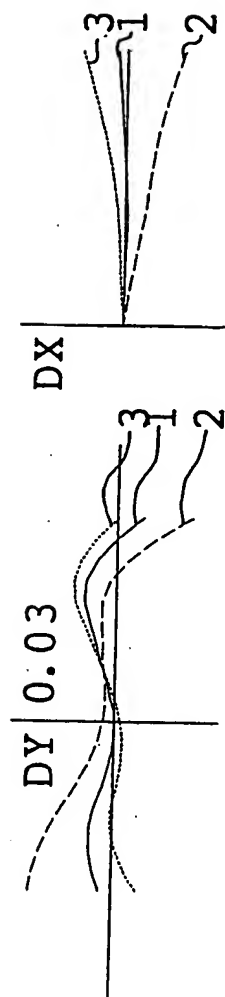


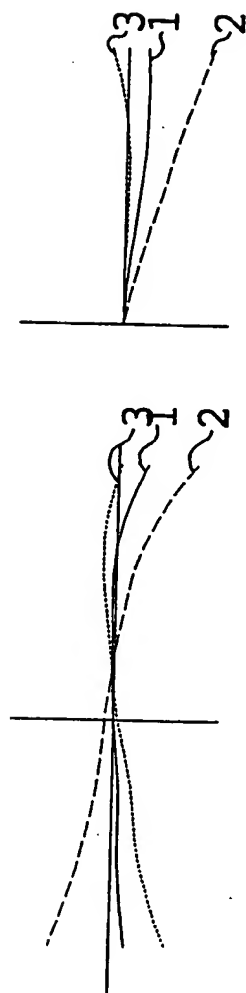
FIG. 13

1: 546.1nm
2: 435.8nm
3: 656.3nm

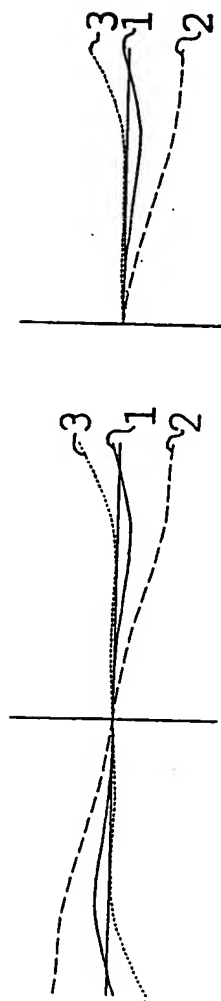
$\omega = 31.0^\circ$



$\omega = 22.5^\circ$



$\omega = 0^\circ$



LATERAL ABERRATION (mm)

FIG. 14

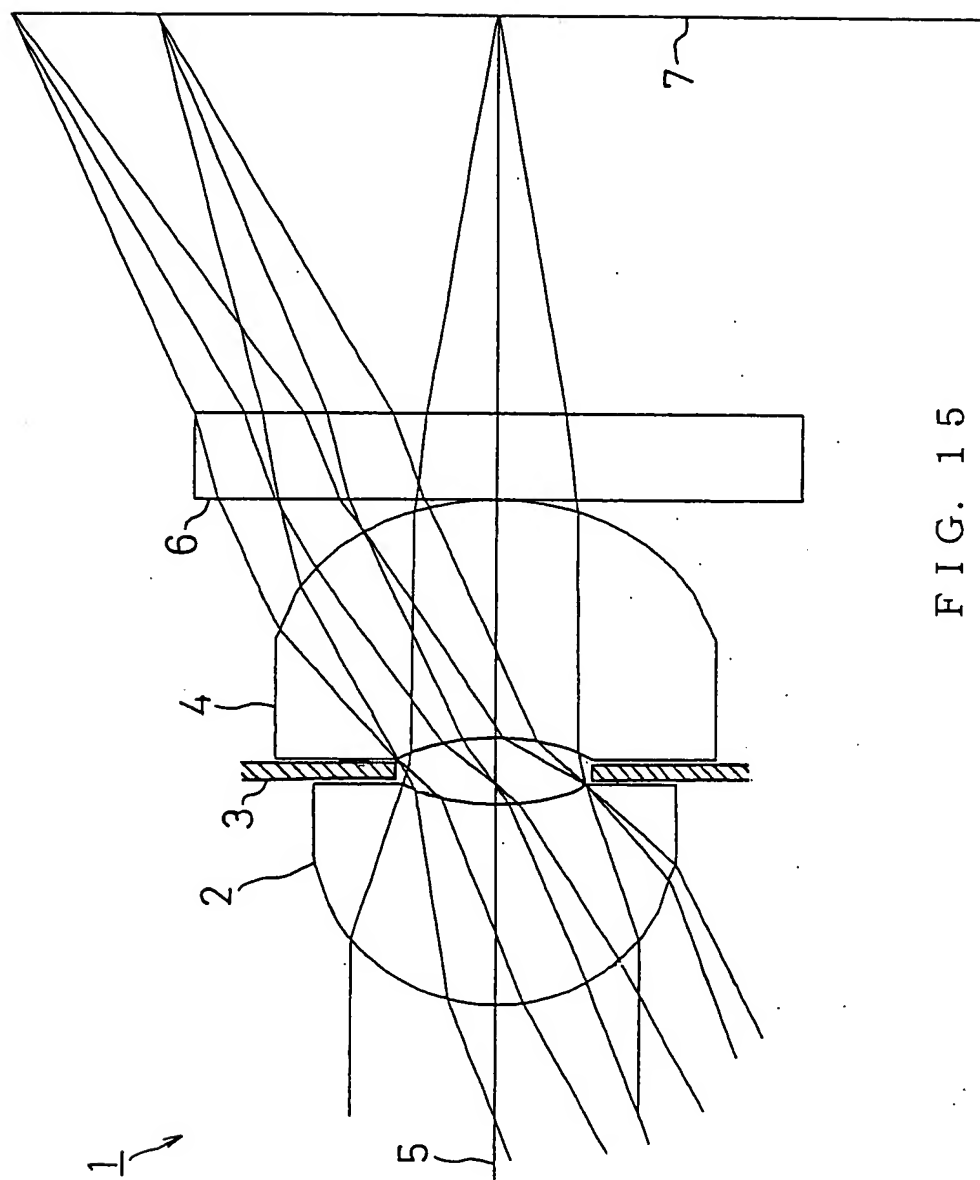


FIG. 15

1: 546.1nm
2: 435.8nm
3: 656.3nm

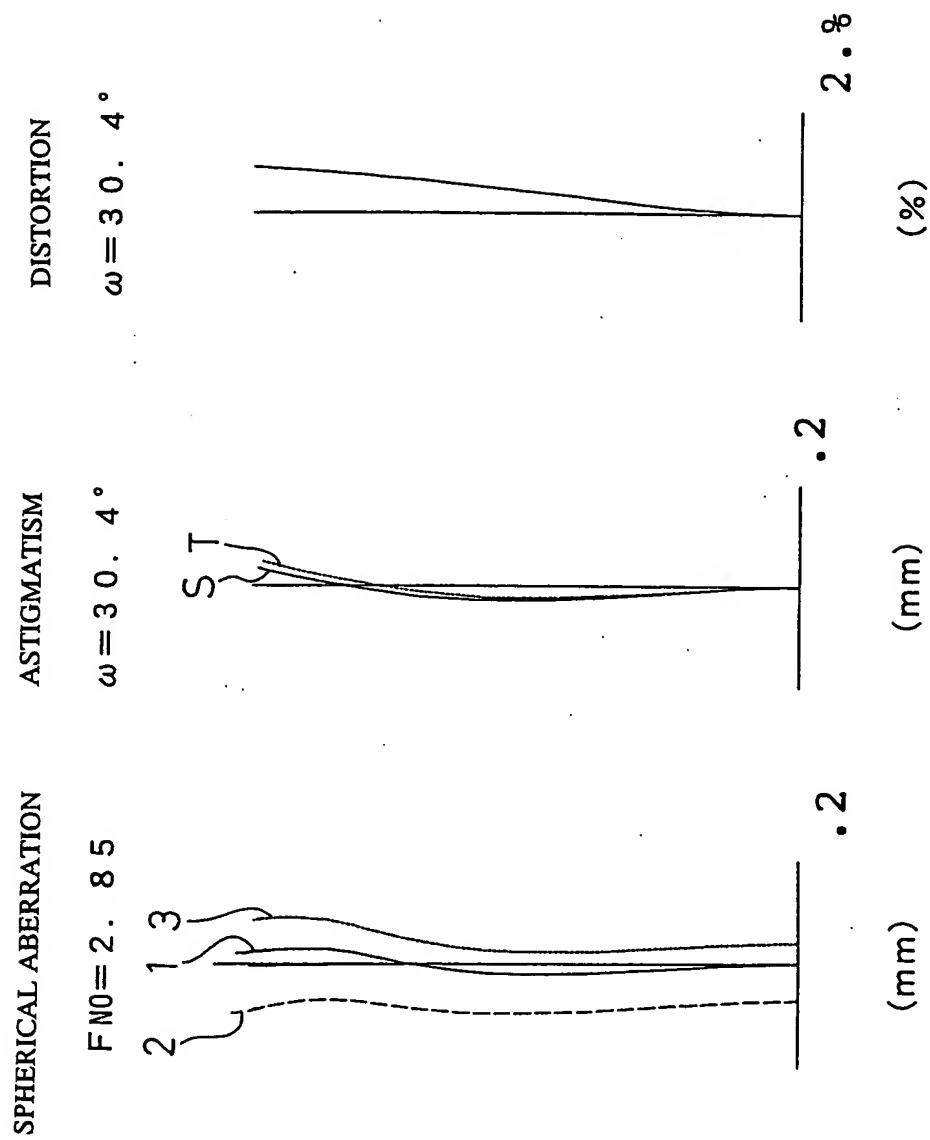
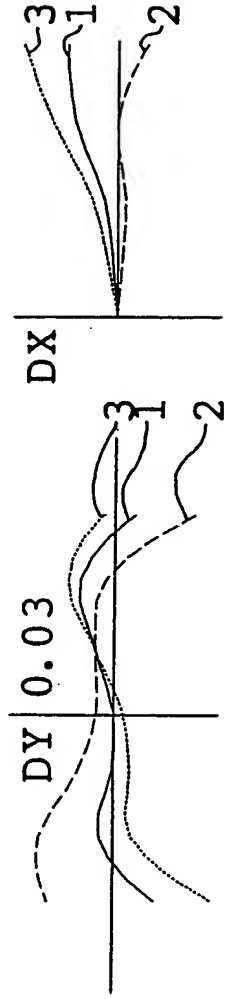


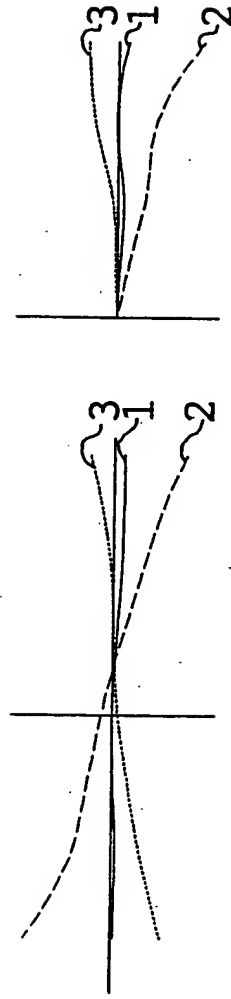
FIG. 16

1: 546.1nm
2: 435.8nm
3: 656.3nm

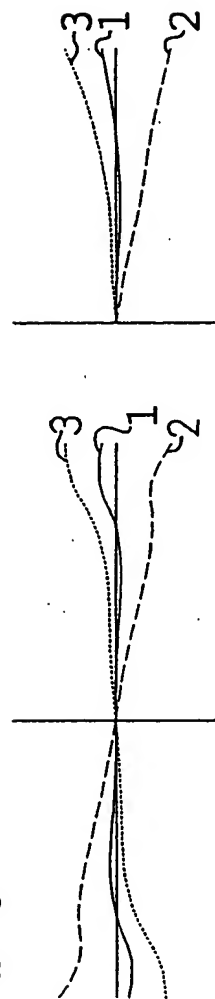
$\omega = 30.4^\circ$



$\omega = 22.4^\circ$



$\omega = 0^\circ$



LATERAL ABERRATION (mm)

FIG. 17

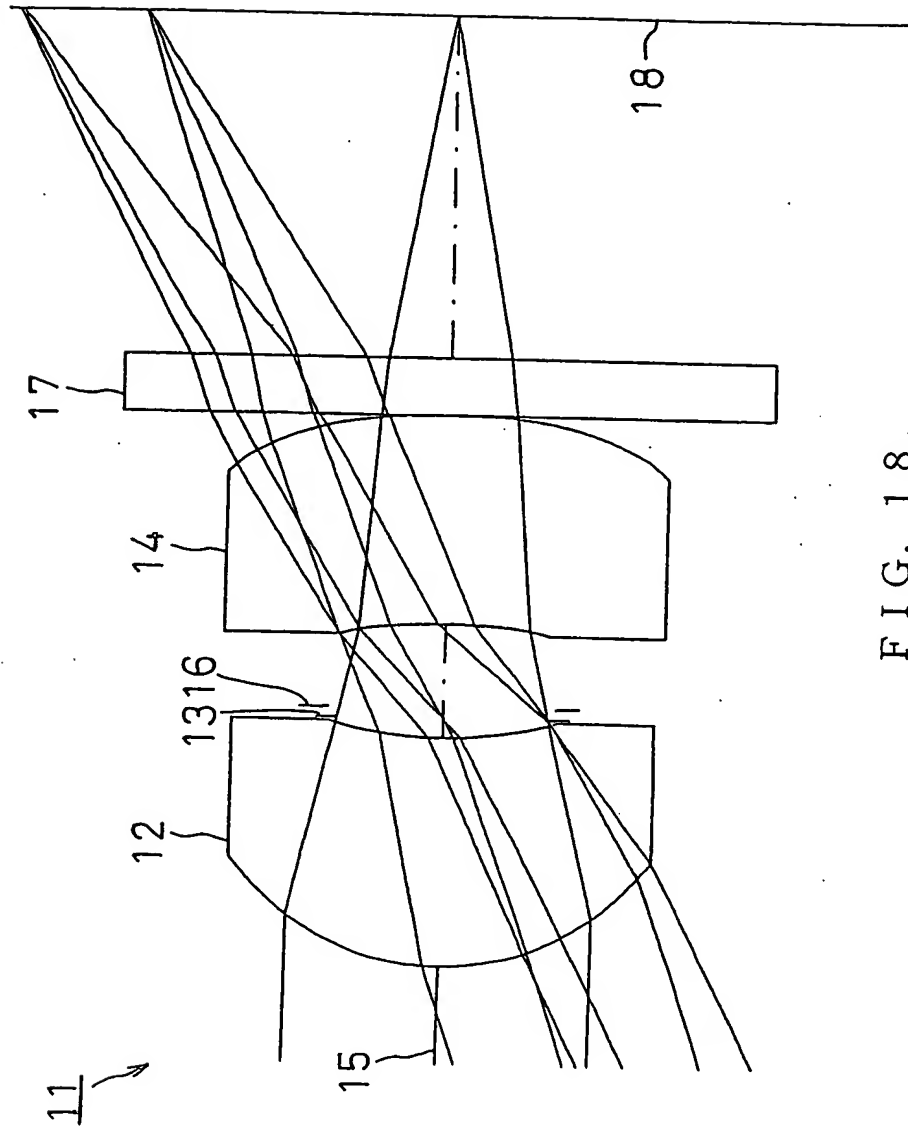
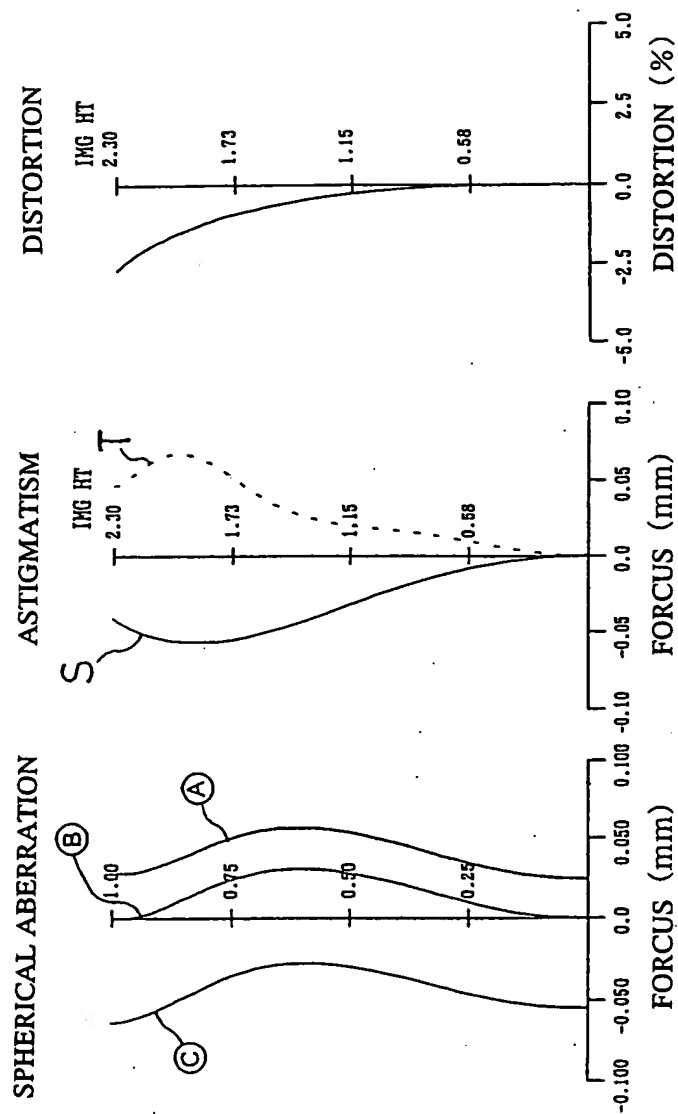


FIG. 18



(A): 656.27nm
 (B): 587.56nm
 (C): 486.13nm

FIG. 19

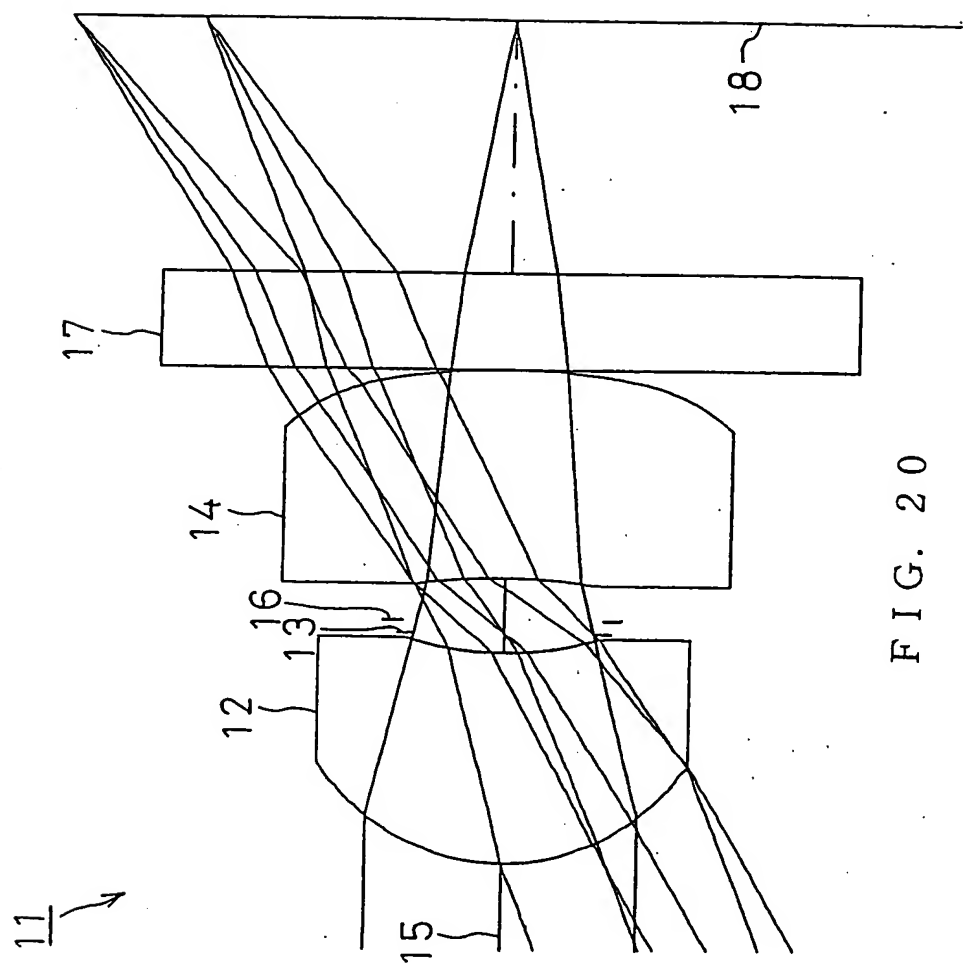
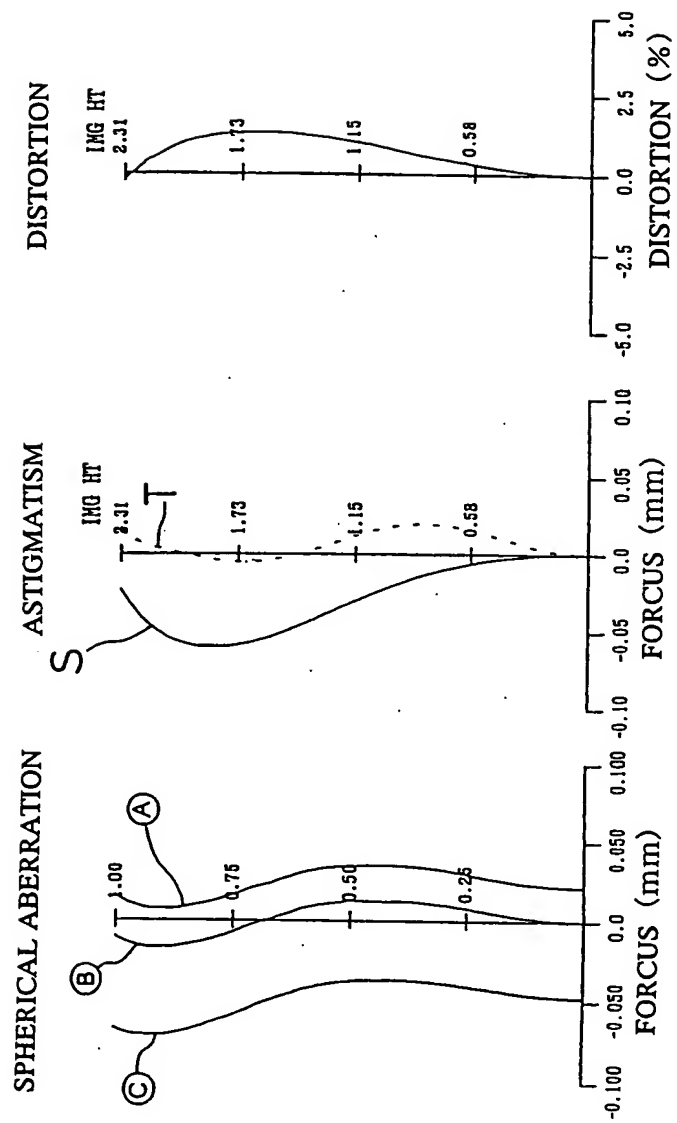


FIG. 20



(A): 656.27nm
(B): 587.56nm
(C): 486.13nm

FIG. 21

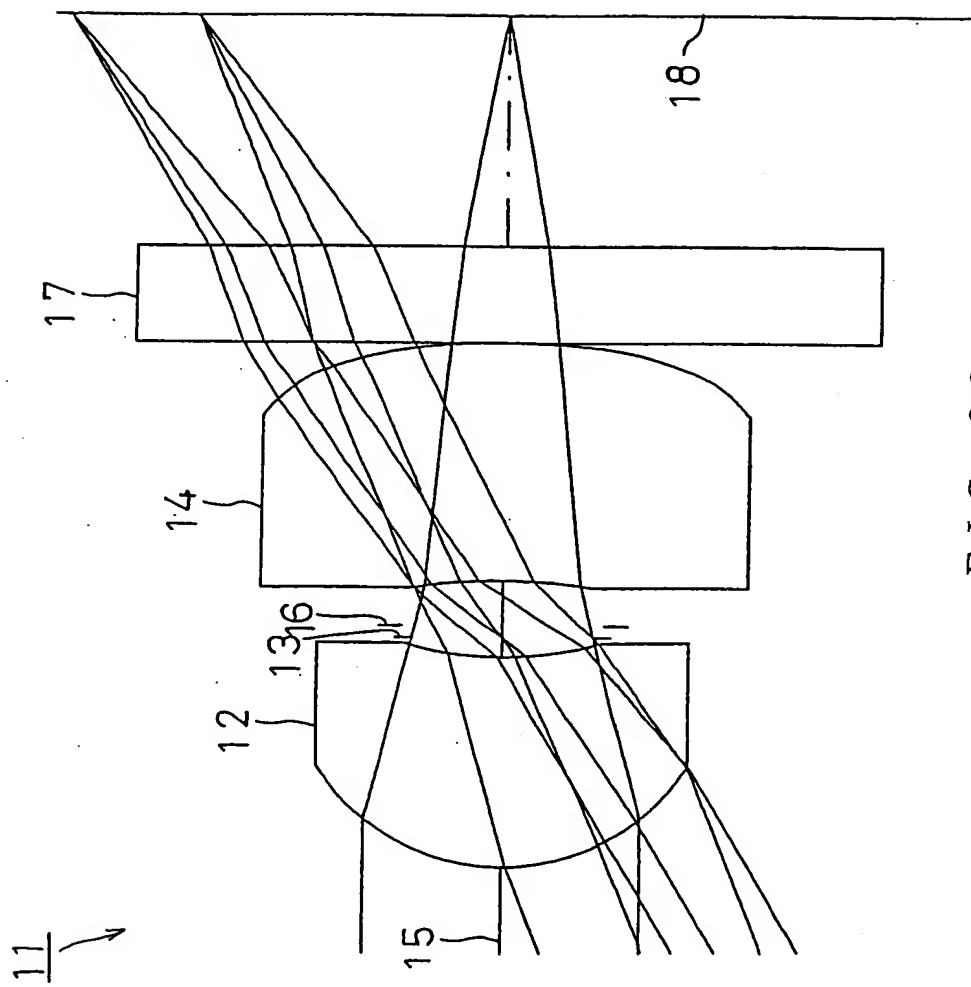
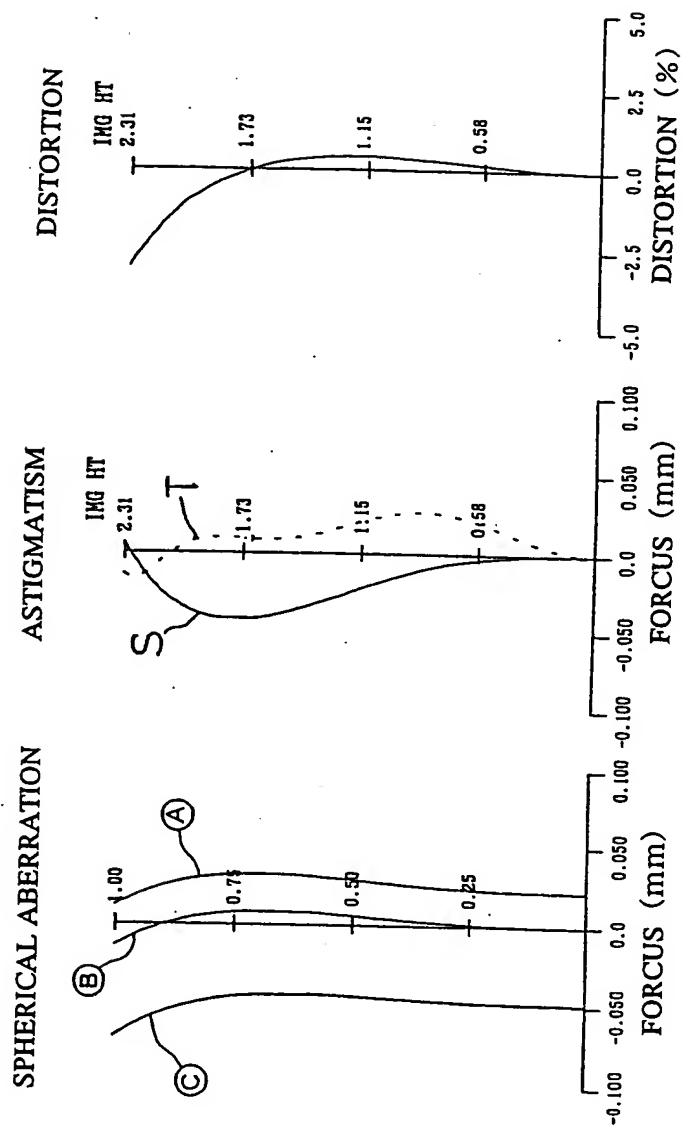


FIG. 22



Ⓐ: 656.27nm
 Ⓑ: 587.56nm
 Ⓒ: 486.13nm

FIG. 23

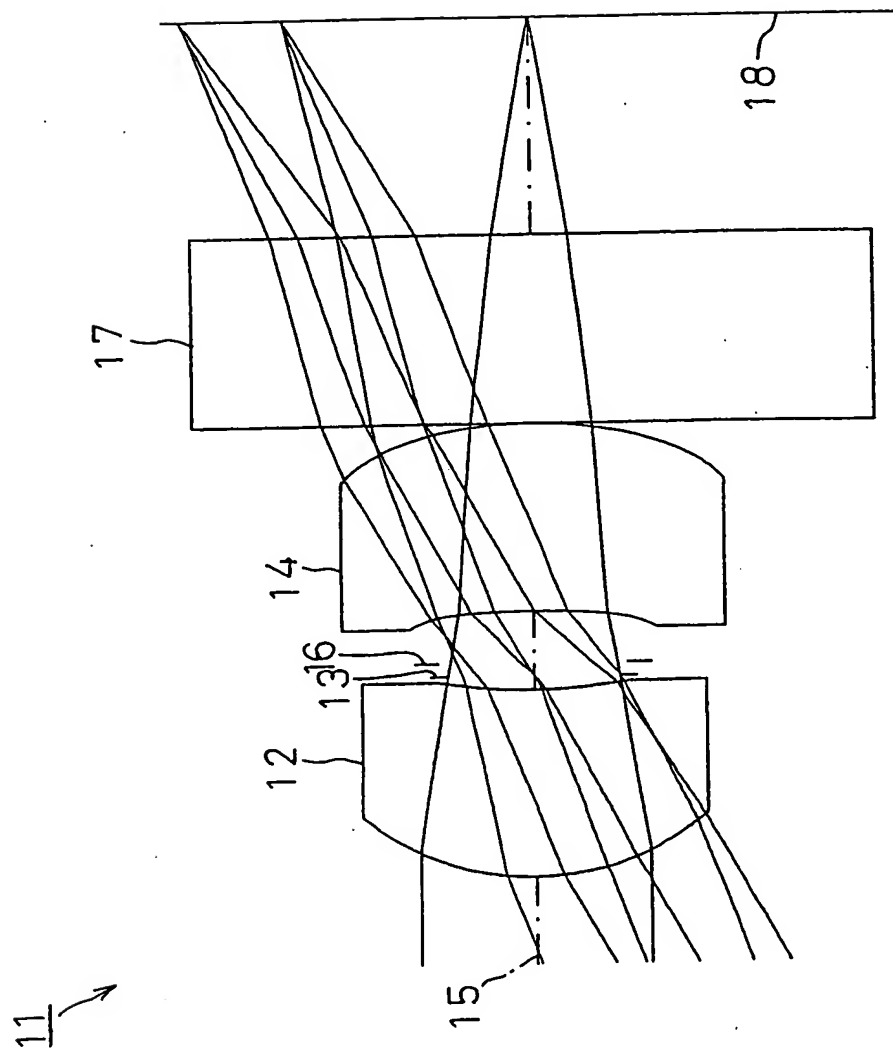
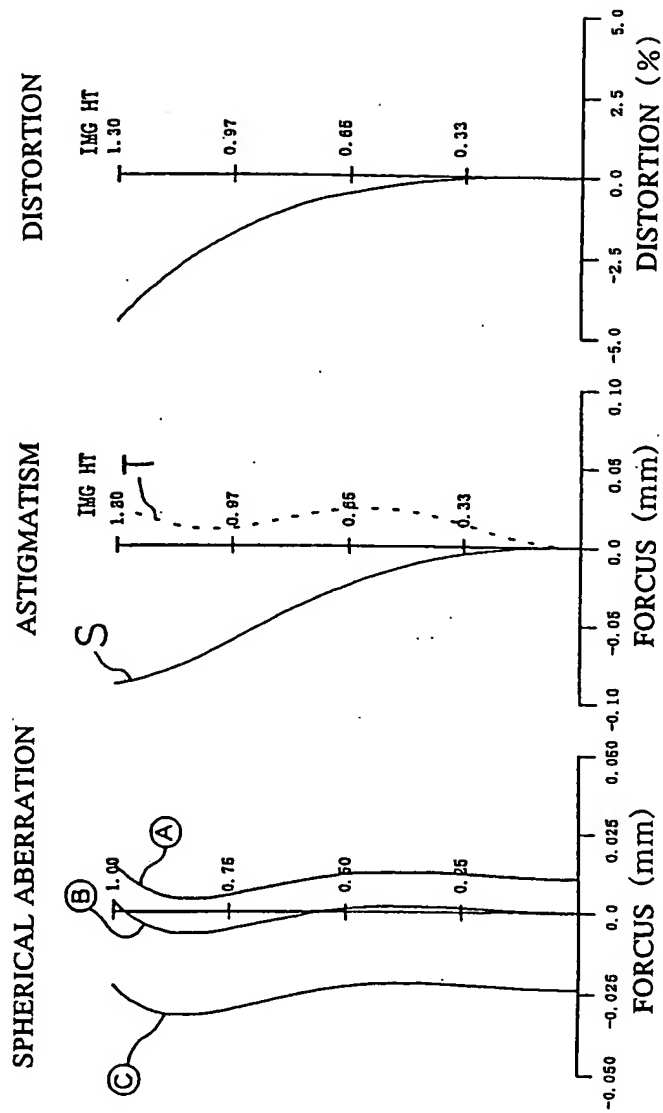


FIG. 24



(A): 656.27 nm
 (B): 587.56 nm
 (C): 486.13 nm

FIG. 25